

# Midget Mustang – July 2000

Mustang Information Pack: covers both M-I & M-II \$ 10.00 (\$15 overseas)

Mustang Video: covers history, design, construction, kits \$ 16.00 (\$21 overseas, +\$3 PAL)

Mustang CD ROM: \$ 35.00 (\$3.50 s&h, \$6.50 overseas)

Hundreds of construction pictures, finished aircraft pictures, newsletters back to 1968, kit pictures, articles, FAA publications, maps to find us, shareware graphics programs, shareware aviation software, and video clips. 640MB of data. High quality 400+dpi scanned photos. Requires a PC with CD ROM drive.

Midget Mustang Drawing Set: \$ 120.00 (add \$55 for overseas air, +\$10 to Canada)

Construction drawings consist of large size detailed drawings and templates. All bulkheads and ribs are full size and assembly drawings are detailed and easily read. The construction manual is well illustrated, containing 45 photos and many sketches. Instructions are given for rib and bulkhead forming as well as general instructions for metal aircraft building techniques.

M-IA Supplement: \$ 30.00

These are drawings for installing the bubble canopy with 12 pages of detailed instructions and 35 photographs. Two full size drawings show the windshield bow layout, fairing layout, side skin cutout, tube profile, and transverse bulkhead layout. The M-IA design makes the Midget look very much like a P-51 Mustang. Along with improved visibility the M-IA canopy also gives 1-2 inches more headroom.

Complete Airframe Material Kit: \$7235.00

Contains the fabricated aluminum and steel parts for the airframe. Hardware, rivets, canopy, tailwheel assembly, main landing gear, rolled wing leading edge skins, rolled tailcone belly skin, tailgroup skins, control surface skins, ribs, spars, bulkheads, and welded steel parts are all included. Hand tools and an 18" sheet metal bender/brake are sufficient to complete the remaining work (some clip angles, gussets, etc.). The center section bulkhead containing the wing carry through structure is riveted with the wing fittings on and the proper wing dihedral set. It should take about 1000 hours to finish assembly of the airframe less instruments, interior, paint, and lights. There are several options for factory completed components to further reduce the build time.

Completed Wings Option: \$4370.00

The wings are completely riveted and ready to prime. Ailerons and flaps are also completed. The riveted main and rear wing spar options are required. The wing tips are sold separately. Interior parts are treated for corrosion. This option will save 200 hours and the kit is still within the 51% rule. The wet wing version is \$5850 which will include the installed filler caps and capacitance fuel probes. **Made in the USA.**

Partial Kits: (listed in the recommended order)

Rivet Kit - all of the rivets for the entire airframe

Tailcone Kit - from the seat back bulkhead to the end of the tail including the tailwheel assembly and formed bulkheads.

Forward Fuselage Kit - from the firewall to the seatback including main wing spars, riveted main spar carry-through, formed firewall, instrument panel, flap control assembly, rudder pedal assembly, and control stick assembly.

Empennage Kit - including the fin, horizontal stabilizers, elevators, rudder, elevator control horn, and the steel parts

Canopy Kit - mounting material and plexiglass canopy for either the M-IA or standard M-I versions.

Wing Kit - includes remaining wing components (no main spars), gear mounting parts, aileron parts, and flap parts.

Gear Assembly - drilled, heat treated, and ready to paint and install (for use with 5.00x5 wheels)

Note:

Additional items not listed that are needed to complete the airplane include the engine & related systems, instruments, fiberglass components, and a few other miscellaneous items. Except for the engine components, the rest can be purchased for under \$2500 from Mustang Aeronautics or other suppliers.

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Construction Drawings & Manual (add \$55 for overseas, +\$10 to Canada)	\$ 120.00	_____	
M-IA Bubble Canopy Drawing Supplement (add \$7 for overseas)	30.00	_____	
Complete Airframe Material Kit	\$7235.00	_____	
Complete M-IA Airframe Material Kit	7355.00	_____	
Factory Assembly Options (all bold items listed below)	1395.00	_____	
Completed Wing Panels Option (requires riveted wing spar options)	4370.00	_____	(crating +\$195)
Wet Wing Version (10 gal each)	5850.00	_____	(crating +\$195)
Crating Charge	110.00	_____	
Overseas Crating	285.00	_____	
Overseas Crating with Internet Address	215.00	_____	

### Partial Kits:

Rivet Kit	\$ 100.00	_____	Canopy Kit	standard	345.00	_____	(+shipping)
				M-IA	465.00	_____	(+shipping)
Tailcone Kit	825.00	_____					
crating	55.00	_____	Wing Kit		1880.00	_____	
			<b>riveted wing rear spars</b>		240.00	_____	
Empennage Kit	780.00	_____	crating		60.00	_____	
<b>riveted fin &amp; stab spars</b>	245.00	_____					
crating	55.00	_____	Gear Leg Assembly		870.00	_____	
			<b>welding option</b>		320.00	_____	
Forward Fuselage Kit	2435.00	_____	crating		15.00	_____	
<b>riveted main wing spars</b>	590.00	_____					
crating	65.00	_____					

\*\* Kits are shipped freight collect by a common carrier such as Roadway Express

### Individual Items: (included in kits)

Trim Tab Cable	18.00	_____
Tail Wheel Assembly - Spring and mounting tube	145.00	_____
full swivel (steerable) 4" wheel unit	220.00	_____
Piano Hinges (no crating charge)	37.00	_____
Wing Fitting Set - Shaped, drilled, and heat treated (no crating charge)	192.00	_____
Bulkhead Sta. 73.75 Formed	95.00	_____
Firewall Formed	100.00	_____
Fuselage Bulkhead Set Formed (not including sta. 73.75 & firewall)	315.00	_____
Wing Ribs Formed & Cut Lightening Holes (no crating/shipping)	325.00	_____
Wing Ribs Each (\$10 shipping)	10.80	_____
Wing Spars - main (\$40ea) and rear (\$25ea) spars	130.00	_____
Wing Main Spar Cap Strips - Sheared to shape and attach hole drilled	195.00	_____
Station 73.75 Angle (1.5 x 2 x 3/8" 6061-T6 cut to shape)	95.00	_____
Station 99.35 Angle (1 x 1 x 1/8" 2024-T4)	18.00	_____
All required 1 x 1 x 1/8" Angle 6061-T6	43.00	_____
Landing Gear Assembly Steel Parts (except gear legs)	220.00	_____
Control Stick Assembly & Mounting Brkt (welded)	190.00	_____
Rudder Pedal Assembly (welded)	265.00	_____
Flap Control Assembly (welded; complete from handle to spar brackets)	220.00	_____
Rolled Wing Leading Edge Skins	415.00	_____
[must be shipped common carrier]	crating 40.00	_____
Rolled Tailcone Belly Skin	235.00	_____
[must be shipped common carrier]	crating 45.00	_____

## Midget Mustang

Extras – July 2000

PVC Covering of Skins and Special Handling for Polished Airplanes		\$ 140.00	_____	
Propeller Extension - 6" diameter (specify bolt pattern & size)	UPS is \$12 in US	260.00	_____	(+\$12 UPS
7" dia. for bigger engines (specify bolt pattern & size)		330.00	_____	within US)
Crush Plates 6" diameter x 3/8" (UPS is \$6 in US, no charge with extension)		43.00	_____	(+\$6 UPS
7" diameter x 3/8"		50.00	_____	within US)
5:00x5 Matco Wheels, Brakes, Axles, Master Cylinders (+\$35 for remote reservoir version)		590.00	_____	(+ \$15 shipping)
Replacement Tailwheel either 6" or 4"		36.00	_____	(+shipping)
Fabricated 15gal Fuel Tank - with installed S/W sender and flush filler cap		390.00	_____	(+shipping)
Flush Filler Cap Assembly (for use with wet wing)	each	31.00	_____	(+5.00 s&h)
Engine Mounts (can ship UPS at 30# rate)	Lycoming Conical	390.00	_____	(+shipping)
	Lycoming Dynafocal	445.00	_____	(+shipping)
	Continental	335.00	_____	(+shipping)
Plexiglass Canopy (canopy only, 6month guarantee)	M-I Standard	295.00	_____	(+shipping)
specify clear, smoke, or aviation green	M-IA Bubble	385.00	_____	(+shipping)
Firewall Shields 2 piece dimpled: 3/4", 1", 1-1/4" grommet 1/4", 3/8", 1/2", 3/4" hole		7.50	_____	(+shipping)
1 piece dimpled: 3/4", 1", 1-1/4" grommet 1/4", 3/8", 1/2", 3/4" hole		6.50	_____	(+shipping)
Cabin Air Vent Inlet (aluminum, mounts on gear leg access cover)	each	10.00	_____	(+shipping)
Axle Shims 5.00x5 1/2, 1, and 2 degrees (one each)		53.00	_____	(+shipping)
	shims each	19.00	_____	(+shipping)
Nav/Strobe Lights with 2 remote power supplies (AeroFlash non-PMA) kit # 156-0039		370.00	_____	(+shipping)
	3 position kit # 156-0049	455.00	_____	(+shipping)
Speed Tape white, 3M plastic tape, 3/4" x 36yd for taping seams, screw lines, etc.		18.50	_____	(+3.00 s&h)
16" Spinner w/ drilled bulkhead and backplate (specify prop hub thickness & bolt pattern)		335.00	_____	
for rough bright polish finish		50.00	_____	
Spacer for spinner front bulkhead (1/8" thk. / drilled)		8.75	_____	(+shipping)
Fiberglass Engine Cowling (Lyc. or Cont. with nacelles)		895.00	_____	(+shipping)
Fiberglass Wing Tips (with or without position light pads)		160.00	_____	(+shipping)
Fiberglass Wing Root Fillets (will need to be fit to individual aircraft)		390.00	_____	(+shipping)
Fiberglass Tail Group (7 tips with or without position light on rudder section)		250.00	_____	(+shipping)
Fiberglass Recessed Seat Back		155.00	_____	(+shipping)
Mustang Newsletter Subscription 1yr / 6 issues (\$17.50 overseas)		14.50	_____	
Newsletter Backissue Book Starting in 1968		95.00	_____	
Embroidered Golf Shirt (Maroon, Royal, Forest Green)	Med, Lrg, XLrg	29.50	_____	(+3.50 s&h)
Poplin Golf Hat Leather Strap, Red with White Embroidery		10.00	_____	(+3.50 s&h)
Midget Mustang T-Shirt (100% cotton White or Sports Grey)	Med, Lrg, XLrg	10.00	_____	(+3.50 s&h)
Midget Mustang solid plastic model (14" wingspan)		39.50	_____	(+5.00 s&h)
Deluxe Mustang Tool Kit by US Industrial Tool	discounted price	815.00	_____	(+shipping)
3x Rivet Gun (TP83) w/ regulator & 2 spring retainers				
2 Bucking Bar, Flush & Universal Rivet Sets, swivel set, 235 Clecoes, Clecoe				
Pliers, Microstop Countersink, Heavy Duty Rivet Cutter, 3" Rivet Squeezer,				
Dimple Dies, Fluting Pliers, Duckbill Pliers, Hand Seamer, Deburring Tool,				
File, Handi-Clamps, Hand Nibbler, 20pcs Drill Bits, Unibit Drill, Center				
Punch, Scotch Brite, Riveters Tape				
(catalog price of \$938 individually)				
(Avery Tool also has Mustang Tool Kits available)				

## Shipping & Payment

Please make payments by check, money order, VISA, or MasterCard. All checks must be drawn on a US bank. Foreign payments must be by international money order, credit card, or electronic funds transfer. Full payment is required on all orders before shipment. A minimum deposit of 25% is required for kit orders. The remaining balance is due 2 weeks prior to shipment. The customer is notified by mail. Orders are fully refundable except for cancellations within 2 weeks of the ship date. A \$90 handling fee will then be charged. Prices are subject to change without notice

Remit To: Mustang Aeronautics Inc.  
1470 Temple City  
Troy, MI 48084  
phone: (248) 649-6818 fax: (248) 649-0098  
e-mail: [Orders@MustangAero.com](mailto:Orders@MustangAero.com) <http://www.MustangAero.com>

From: Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone / FAX \_\_\_\_\_  
E-Mail Address \_\_\_\_\_  
Date: \_\_\_\_\_ Serial #: M-I- \_\_\_\_\_  
(do we have your signed Conditions of Sale & Warning Notice?)

Shipping Address: Name \_\_\_\_\_  
(if different from above) Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_

Are you installing wet wings? (we will not cut lightening holes in spars)	YES	NO
Can we give out your phone # to other Mustang builders?	YES	NO

Mustang Parts / Kit Order Total	_____
Crating & Shipping Total	_____
MICHIGAN residents 6% tax	_____
Credit Card Handling 3%	_____
Card # and Exp. Date	_____
TOTAL	_____

\* We will send a note within 7 working days to verify the order and give an estimated shipping date